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| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--|------------------|---------|------------------|
| L1 | 0 | "memory card".clm. and stor\$3. clm. and transmit\$3.clm. and compartment\$1.clm. and communication.clm. and security. clm. and information.clm. and hardware.clm. and interface.clm. and autoriz\$3.clm. and match\$3. clm. and "pin code".clm. and contacts.clm. and access.clm. and preselect\$3.clm. and host.clm. and processor.clm. and condition.clm. and identif\$4.clm. | US-PGPUB; USPAT | OR | OFF | 2006/09/18 16:35 |
| L2 | 6 | "memory card" and stor\$3 and transmit\$3 and compartment\$1 and communication and security and information and hardware and interface and autoriz\$3 and match\$3 and "pin code" and contacts and access and preselect\$3 and host and processor and condition and identif\$4 | US-PGPUB; USPAT | OR | OFF | 2006/09/18 16:36 |
| L3 | 6 | "memory card" and stor\$3 and transmit\$3 and compartment\$1 and communication and security and information and hardware and interface and autoriz\$3 and match\$3 and "pin code" and contacts and access and preselect\$3 and host and processor and condition and identif\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/18 16:37 |
| L4 | 1239 | 713/172 or 713/185 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/18 16:37 |
| L5 | 2600 | 713/184 or 713/182 or 713/167 or 713/194 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/18 16:38 |

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| L7 | 0 | 6 and 3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/18 16:40 |
| L8 | 33 | arnouse.inv. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/18 16:41 |
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1 [Pen computing: a technology overview and a vision](#)

André Meyer

July 1995

ACM SIGCHI Bulletin, Volume 27 Issue 3**Publisher:** ACM PressFull text available: [pdf\(5.14 MB\)](#)Additional Information: [full citation](#), [abstract](#), [citations](#)

This work gives an overview of a new technology that is attracting growing interest in public as difference from other technologies is in the use of a pen or pencil as the primary means of inter familiar pen and paper interface metaphor. From this follows a set of consequences that will be technologies and visions. Starting with a short historic ...

2 [Fast detection of communication patterns in distributed executions](#)

Thomas Kunz, Michiel F. H. Seuren

November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies****Publisher:** IBM PressFull text available: [pdf\(4.21 MB\)](#)Additional Information: [full citation](#), [abstract](#), [reference](#)

Understanding distributed applications is a tedious and difficult task. Visualizations based on pr understanding of the execution of the application. The visualization tool we use is Poet, an ever these diagrams are often very complex and do not provide the user with the desired overview c repeated occurrences of non-trivial commun ...

3 [Process migration](#)

Dejan S. Milošević, Fred Douglass, Yves Paindaveine, Richard Wheeler, Songnian Zhou

September 2000 **ACM Computing Surveys (CSUR)**, Volume 32 Issue 3**Publisher:** ACM PressFull text available: [pdf\(1.24 MB\)](#)Additional Information: [full citation](#), [abstract](#), [reference](#)

Process migration is the act of transferring a process between two machines. It enables dynami administration, and data access locality. Despite these goals and ongoing research efforts, migr deployment of distributed systems in general, and distributed operating systems in particular, p research and product development. As hi ...

Keywords: distributed operating systems, distributed systems, load distribution, process migr

4 Data base directions: the next steps



John L. Berg

November 1976 **ACM SIGMOD Record , ACM SIGMIS Database**, Volume 8 , 8 Issue 4 , 2

Publisher: ACM Press

Full text available: pdf(9.95 MB)

Additional Information: [full citation](#), [abstract](#)

What information about data base technology does a manager need to make prudent decisions information the National Bureau of Standards and the Association for Computing Machinery est: major subject areas. The five subject areas were auditing, evolving technology, government re prepared a report contained in these proceedings. The proceedings p ...

Keywords: DBMS, auditing, cost/benefit analysis, data base, data base management, governn standards, technology assessment, user experience

5 Shape-based retrieval and analysis of 3D models



Thomas Funkhouser, Michael Kazhdan

August 2004 **Proceedings of the conference on SIGGRAPH 2004 course notes SIGRAI**

Publisher: ACM Press

Full text available: pdf(12.56 MB)

Additional Information: [full citation](#), [abstract](#)

Large repositories of 3D data are rapidly becoming available in several fields, including mechan number of 3D models grows, there is an increasing need for computer algorithms to help peopl between them. Unfortunately, traditional text-based search techniques are not always effective nature (e.g., find me objects that fit into thi ...

6 GPGPU: general purpose computation on graphics hardware



David Luebke, Mark Harris, Jens Krüger, Tim Purcell, Naga Govindaraju, Ian Buck, Cliff Woolley, A:

August 2004 **Proceedings of the conference on SIGGRAPH 2004 course notes SIGRAI**

Publisher: ACM Press

Full text available: pdf(63.03 MB)

Additional Information: [full citation](#), [abstract](#)

The graphics processor (GPU) on today's commodity video cards has evolved into an extremely architectures provide tremendous memory bandwidth and computational horsepower, with fully support vector operations up to full IEEE floating point precision. High level languages have em power accessible. Architecturally, GPUs are highly parallel s ...

7 The V distributed system



David Cheriton

March 1988 **Communications of the ACM**, Volume 31 Issue 3

Publisher: ACM Press

Full text available: pdf(2.55 MB)

Additional Information: [full citation](#), [abstract](#), [reference](#)

The V distributed System was developed at Stanford University as part of a research project to suggest important directions for the design of future operating systems and communication sys

8 Link and channel measurement: A simple mechanism for capturing and replaying wireless



Glenn Judd, Peter Steenkiste

August 2005 **Proceeding of the 2005 ACM SIGCOMM workshop on Experimental appro: WIND '05**

Publisher: ACM Press

Full text available: pdf(6.06 MB)

Additional Information: [full citation](#), [abstract](#), [reference](#)

Physical layer wireless network emulation has the potential to be a powerful experimental tool. traditional simulation, is to accurately model the wireless channel. In this paper we examine th to capture wireless channel traces. A key advantage of this approach is the simplicity and ubiq

virtually all wireless devices provide the req ...

Keywords: channel capture, emulation, wireless

- 9 [Applications on the go: MediaAlert: a broadcast video monitoring and alerting system for n](#)
 Bin Wei, Bernard Renger, Yih-Farn Chen, Rittwik Jana, Huale Huang, Lee Begeja, David Gibbon, Zhi
June 2005 **Proceedings of the 3rd international conference on Mobile systems, appli**


Publisher: ACM Press

Full text available:  pdf(593.10 KB)

Additional Information: [full citation](#), [abstract](#), [reference](#)

We present a system for automatic monitoring and timely dissemination of multimedia information each user's interest profile. Multimedia processing algorithms detect and isolate relevant video based on a collection of words and phrases specified by the user. Content repurposing technique that is suitable for delivery to the user's mobile ...


Keywords: alerting, automatic speech recognition (ASR), content adaptation, content repurposing, processing, news monitoring, notification, service platform

- 10 [Current research in computer networks: a personal view](#)
 Colin Whitby-Strevens
April 1976 **ACM SIGCOMM Computer Communication Review**, Volume 6 Issue 2


Publisher: ACM Press

Full text available:  pdf(2.02 MB)


Additional Information: [full citation](#), [references](#)

- 11 [Frontmatter \(TOC, Letters, Election results, Software Reliability Resources!, Computing C](#)
 SE2004, Software Reuse Research, ICSE 2005 Forward)
July 2005 **ACM SIGSOFT Software Engineering Notes**, Volume 30 Issue 4

Publisher: ACM Press

Full text available:  pdf(6.19 MB)

Additional Information: [full citation](#), [index terms](#)

- 12 [Astrolabe: A robust and scalable technology for distributed system monitoring, manageme](#)
 Robbert Van Renesse, Kenneth P. Birman, Werner Vogels
May 2003 **ACM Transactions on Computer Systems (TOCS)**, Volume 21 Issue 2

Publisher: ACM Press

Full text available:  pdf(341.62 KB)


Additional Information: [full citation](#), [abstract](#), [reference](#)

Scalable management and self-organizational capabilities are emerging as central requirements for applications. We have developed an entirely new distributed information management system capable of permitting rapid updates and providing on-the-fly attribute aggregation. This latter capability provides a scalable way to track systems ...

Keywords: Aggregation, epidemic protocols, failure detection, gossip, membership, publish-subscribe

- 13 [Distributed systems - programming and management: On remote procedure call](#)
Patrícia Gomes Soares
November 1992 **Proceedings of the 1992 conference of the Centre for Advanced Studies in**


Publisher: IBM Press

Full text available:  pdf(4.52 MB)


Additional Information: [full citation](#), [abstract](#), [reference](#)

The Remote Procedure Call (RPC) paradigm is reviewed. The concept is described, along with the An overview of works in supporting these mechanisms is discussed. Extensions to the paradigm studied. The main contributions of this paper are a standard view and classification of RPC mechanisms of the paradigm in use today and of goals for the future ...

14 The state of the art in locally distributed Web-server systems

 Valeria Cardellini, Emiliano Casalicchio, Michele Colajanni, Philip S. Yu
June 2002 **ACM Computing Surveys (CSUR)**, Volume 34 Issue 2

Publisher: ACM Press

Full text available:  pdf(1.41 MB)

Additional Information: [full citation](#), [abstract](#), [references](#)


The overall increase in traffic on the World Wide Web is augmenting user-perceived response times for special events. System platforms that do not replicate information content cannot provide the required match rapid and dramatic changes in the number of clients. The need to improve the performance of content delivery architectures. This article will discuss ...

Keywords: Client/server, World Wide Web, cluster-based architectures, dispatching algorithms

15 A survey of commercial parallel processors

 Edward Gehringer, Janne Abullarade, Michael H. Gulyan
September 1988 **ACM SIGARCH Computer Architecture News**, Volume 16 Issue 4

Publisher: ACM Press

Full text available:  pdf(2.96 MB)

Additional Information: [full citation](#), [abstract](#), [citations](#)

This paper compares eight commercial parallel processors along several dimensions. The processors are: Multimax, the Sequent Balance system, the Alliant FX series, and the ELXSI System 6400) and NCUBE, the Intel iPSC/2, and the FPS T Series). The paper contrasts the computers from the system configurations, and interprocessor communication. Also, the share ...

16 Level set and PDE methods for computer graphics

 David Breen, Ron Fedkiw, Ken Museth, Stanley Osher, Guillermo Sapiro, Ross Whitaker
August 2004 **Proceedings of the conference on SIGGRAPH 2004 course notes SIGGRAPH**

Publisher: ACM Press

Full text available:  pdf(17.07 MB)


Additional Information: [full citation](#), [abstract](#), [citations](#)

Level set methods, an important class of partial differential equation (PDE) methods, define dynamically sampled, evolving nD function. The course begins with preparatory material that introduces the problems in computer graphics, geometric modeling and computer vision. This will include the solution of differential equations, e.g. the level set equation ...

17 Session summaries from the 17th symposium on operating systems principle (SOSP'99)


 Jay Lepreau, Eric Eide
April 2000 **ACM SIGOPS Operating Systems Review**, Volume 34 Issue 2

Publisher: ACM Press

Full text available:  pdf(3.15 MB)

Additional Information: [full citation](#), [index terms](#)

18 Rover: a toolkit for mobile information access

 A. D. Joseph, A. F. de Lespinasse, J. A. Tauber, D. K. Gifford, M. F. Kaashoek
December 1995 **ACM SIGOPS Operating Systems Review ; Proceedings of the fifteenth ACM SIGOPS**, Volume 29 Issue 5

Publisher: ACM Press

Full text available:  pdf(2.18 MB)

Additional Information: [full citation](#), [references](#), [citations](#)

19 Technical reports



SIGACT News Staff

January 1980 **ACM SIGACT News**, Volume 12 Issue 1

Publisher: ACM Press

Full text available: [pdf\(5.28 MB\)](#)

Additional Information: [full citation](#)

20 Final report of the ANSI/X3/SPARC DBS-SG relational database task group



July 1982 **ACM SIGMOD Record**, Volume 12 Issue 4

Publisher: ACM Press

Full text available: [pdf\(4.69 MB\)](#) Additional Information: [full citation](#)

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